

CLAIMS:

1. A display device comprising a number of picture elements and a display driver device comprising driving transistors to be connected in series with the picture elements the display driver device comprising means for monitoring output voltages of the display driver device.

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2. A display device as claimed in Claim 1 comprising means for signaling the value of an output voltage to reach a threshold voltage.

3. A display device as claimed in Claim 2 having fusing means between the
10 driving transistors and the picture elements.

4. A display device as claimed in Claim 1 comprising a feedback mechanism to control a reference voltage of the display driver device.

15 5. A display device as claimed in Claim 2, the feedback mechanism further comprising a control circuit signaling the difference between an output voltage of the display driver device for a picture element and the reference voltage being below a threshold voltage.

20 6. A display device as claimed in Claim 5 the display driver device comprising means for detecting after the signaling an open output of the display driver device.

7. A display device as claimed in Claim 5 the display driver device comprising a differential amplifier.

25 8. A display device as claimed in Claim 4 the picture elements being driven by current sources and the feedback mechanism keeping the difference between an output voltage of the display driver device for a picture element and the reference voltage substantially constant.

9. A display device as claimed in Claim 1 the picture element being a luminescent element and the first current determining the luminescence of the luminescent element.
- 5 10. A display driver device comprising driving transistors to be connected in series with picture elements the display driver device comprising means for monitoring output voltages of the display driver device.
11. A display driver device as claimed in Claim 10 comprising means for 10 signaling the value of an output voltage to reach a threshold voltage.
12. A display driver device as claimed in Claim 11 having fusing means between the driving transistors and an output connection of the display driver device.
- 15 13. A display driver as claimed in Claim 10 further comprising a feedback mechanism to control a reference voltage of the display driver device.
14. A display driver as claimed in Claim 13, the feedback mechanism further comprising a control circuit signaling the difference between an output voltage of the display 20 driver device for a picture element and the reference voltage being below a threshold voltage.
15. A display driver as claimed in Claim 10 the display driver device comprising a differential amplifier for detecting after the signaling an open output of the display driver device.
- 25 16. A display driver as claimed in Claim 15 further comprising a switch in the current path between the reference voltage and the output of the display driver device.